AMERICAN FARMER.

Rural Economy, internal improvements, prices current.

"O fortunatos nimium sua si bona norint "Agricolas." . . . Ving.

Vol. II.

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BALTIMORE, FRIDAY, DECEMBER 29, 1820.

Num. 40.

key, &c. and Europe for tobacco.

The improvement in the breed of cattle, holds a rank in point of importance, fully equal, if not superior, to any other object, in the consideration of the Agriculturist. When it is demonstrated, that a steer of the improved breed will bring at three and a half years old, double as much money as will one of the common breed at four and a half years old; the farmer will not hesitate to pursue his true interest, by improving his stock.

Is believed, have their origin from the above. Anylogomer of the own method of the river Tees, his own breed. Anylogomer of the own breed at four many and however, possessing other or more information relative to this subject, will oblige many publishing the same in a steer of the improved breed will bring at three and a half years old; the farmer will not hesitate to pursue his true interest, by improving his stock.

Is believed, have their origin from the above. Anylogomer of the own method of the own breed on board the ship, 3451. 14s. 5d. stersold on board the ship, 3451. 14s. 5d. stersold on board the ship, 3451. 14s. 5d. stersold on board the ship, 3451. 14s. 5d. stersold; the farmer will not hesitate to pursue his true interest, by improving his stock.

The chief of the westmoreland breed. Cost, delivered on board the ship, 3451. 14s. 5d. stersold on board the ship,

The object of all grazing, of all farming is profit; the great object to be obtained, in the produce from cattle, is first, MILE, secondly, BEEF. The uniting of these two products in the same animal, William H. Tegarden, being anxious to improve the and the greatest quantity, from the least food, seems breed of their cattle, forwarded an order to England Insurance could not be effected under

AGRICULTURE.

Harrison of Clarke county, got a buil from Miller's stock in Virginia; the cross of this bull and Patton stock in Virginia; the cross of this bull and Patton cows, produced very fine animals. Then came is stock in Virginia; the cross of this bull and Patton cows, produced very fine animals. Then came is stock; and lately Mr. Inskeep, of this county, has got out two very fine bulls from Virginia, (a brindle and a red) the brindle of Miller's stock; it is not known that particular stock the red one comes. Mr. Harrison had a bull and cow that he called the Care instance, the great eastern cities, for beef cattle; Virginia for hogs, Carolinas and Georgia, for horses and mules, New Orleans for flour, whiskey, &cc. and Europe for tobacco.

Harrison of Clarke county, got a buil from Miller's stock; and buil and Patton cows, produced very fine animals. Then came that gave 34 quarts of milk per day, large breed. do. from Mr. Reed, West Holme, of his own old buil.

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Barrison of Clarke county, got a buil from Miller's stock; and buil and Patton cows, produced very fine animals. Then came that gave 34 quarts of milk per day, large breed. do. from Mr. Reed, West Holme, of hot from Mr. Reed, West Holme, of hot from Mr. Reed, West Holme, of hot from Mr. Reed, West Holme, other that gave 34 quarts of milk per day, large breed. do. from Mr. Reed, West Holme, of hot from Mr. Reed, West Holme, of hot from Mr. Reed, West Holme, other that gave 34 quarts of milk per day, large breed. do. from Mr. Reed, West Holme, of the from Mr. Barrison had a bull and cow that he called the

With a view to bring this subject before the enlightened and enterprising agriculturists of Kenlightened and enterprising agri

245 00 Freight and all expenses to Baltimore, 1550 00 3331 50

33 1-3 per cent. 1110 50 500 00 4942 00

With a view to bring this subject before the enlightened and enterprising agriculturies of Kensteky, the following papers are collected and submitted to the public.]

**Bistory of the origin of the English Cattle, now in Kenstews, taken from the Kentucky Gasette, of Juguard 9, 1817.

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**Bistory of the origin of the English Cattle, now in Kenster and Cattle, which and the Cattle, taken the Cat

pay on their arrival in Baltimore, be the cattle dead order, and under the eyes of many sectors, who or alive, at the rate of 24t. sterling per head, leaving were much pleased with their appearance, and much also the casts. In lieu of any charge for provender, and credit is due to the captain, and a Mr. John Row, the man's passage, and also in full for freight, we under whose immediate charge they were placed, the carbon the man's passage, and also in full for freight, we under whose immediate charge they were placed, the carbon them of the captain one guineaper and I keep him to attend to them until I hear from the Smithfield or Woburn cattle shows, but the above head for every beast delivered alive, and to the manyou; indeed, if he can be prevailed until the sate men evenes his attention to the important subject we have engaged to go out, we are to give and 1st. per he appears attached to them, and with im, you which he conducted the experiments. The determinanch and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle the charge of them to Liverpool; and he is to be at liberty when the cattle, the many to the cattle the charge of them to Liverpool and the cattle, the many to the cattle, the many to the pay on their arrival in Baltimore, be the cattle dead order, and under the eyes of many spectators, who

From Dr. Mease's Archives of Useful Knowledge.-Vol. I.

EXPERIMENTS MADE AT THE EARL OF CHESTERFIELD'S DAIRY,

Bradby Hall Farm, in the months of May & June, 1807 & 1808.

TABLE 1st.

Showing the Produce of three Milkings of each of the stated Breeds & Crosses. PRODUCE OF THREE MILKINGS.

DREEDO	ANT	CROSSES.			Milk.		Cream.		Butter	Milk.		Pressed.	Cheese Curd.
BREEDS	AND				qts.	pts.	qts.	pts.	ozs. 384	qts. pts		lbs.	ozs.
Holderness	ness · · ·		29	0						8	5		
Long Hom					1.19	01	2	0	26	19	04	7	31
Devonshire					16	1	1	1	28	16	1	5	91
Alderney					19	03	1	1	25	19	03	8	83
Devon and Holderness Cross -					25	0	2	04	32	25	0	8	31
Devon and Long Horn Cross -				28	0	1	2	29	28	0	9	0	
Devon and Alderney Cross .				12	0	1	03	211	12	0	5	0	

TABLE 2d.

Showing the Produce of five Quarts of Milk, taken from the Milkings of the different Cows of each of the stated Breeds and Crosses.

BREEDS	ANT	C	2000	1862	Milk.	Butter.	Milk.	Pressed.	Curd Cheese.
DREEDS	ANL	, 0,	1033	12.5.	qts.	ozs.	qts.	lbs.	ozs.
Holderness					5	7	5	2	4
Long Horn				-	5	63	5	2	6
Devonshire	-	-			5	84	5	2	94
Alderney					5	91	5	2	4
Devon and Holderness Cross					5	94 -	5	2	10
Devon and I	ong	Hor	n Cros	8 -	1 5	8	5	2	91
Devon and A					5	9	5	2	4

Remarks by Dr. Mease.

or exhibited. They are answers to letters, written for the purpose of bringing to the point the question of the vaunted superiority of English cattle, for which the extravagant prices that are given, justly astonish the American former. the American farmer.

The breed of Mr. Nicholson must certainly be a great acquisition in any country, on account of their quick maturity, and the disposition to throw flesh and fat on the most valuable parts; and that American would deserve richly of his country, who would introduce it into the United States; but the candid statement of Mr. Chandler, and that of Mr. Knight, satisfy me, that the Hereford cattle, so much boasted of, are not so profitable as the common stock of our northern states, which when fattened in our state, daily grace our market, and excite merited applause from the stranger.

Upper Darby, Delaware County, Oct. 25, 1807.

SIR,—In the "Globe" of May 9, 1807, it is stated, that you have sold your fine bull, for which premiums had recently been obtained from the York and Otley Agricultural Societies, to Wm. Downing, Esq. for one hundred guineas.

To an American farmer, this sum appears highly extravagant, for although the grazier and dairy-man are as well paid for their beef and butter in this part of the United States, as in any country; yet I will venture to say, that your bull might have remained to the day of judgment, if here, without bringing one quarter of the above sum, unless his immense size and extraordinary fatness would be likely to have reimbursed the butcher.

Presuming that the breed of the bull you sold possessed some particular good qualities, I shall deem myself much indebted for some information respecting him. I especially wish to know in what way the oth. Devon and Alderney Cross.

Ath. Devon and Long Horn Cross.

The Devon and Holderness crossed, produce a valuable stock, (very much resembling the Hereford) of a large size, hardy, kind feeders, and the meat of a good quality.

The Devon and Long Horn cross are not so large as the former, but very hardy, are kind feeders, and the meat of a good quality.

Oth. Devon and Alderney Cross.

7th. Devon and Alderney crossed, produce a very valuable stock; they are of a moderate size, much improved in symmetry, hardy, have a great propensity to fatten at an early age, when upon indifferent food, and the meat very rich.

The Devon and Long Horn cross are not so large as the former, but very hardy, are kind feeders, and the meat of a good quality.

The land upon which the above crossed, produce a very valuable stock; they are of a moderate size, much improved in symmetry, hardy, have a great propensity to fatten at an early age, when upon indifferent food, and the meat very rich.

The land upon which the above crossed, produce a very valuable stock; they are of a moderate size, much improved that a false judgment, and an imaginary value placed upon them, occasion the high prices at the former, but very hardy, are kind feeders, and the meat of a good quality. purchaser is to be reimbursed, or to obtain good inte-

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pence per pound; the coarse parts (which are light in this sort of animal) about four pence; the other sort of animal) about four pence; the third for sort of the animal pence and the sort of the sort of the sort of animal) about four pence in Egland, than in the University of the sort pence per pound; the coarse parts (which are light in this sort of animal) about four pence: the other

The following is part of my reply:

which they sometimes sell. A wealthy man may in-pear Richmond, whom I had the good fortune to getone of my cows out of eight, experienced any difficult oldge his whim in giving five hundred guineas for alvery intimate with, so as not only to improve myly, and in two calvings since have not had the least range, own, or holl, becfishes they may be of a certainbreed, but convince me of its great superiority. Astrouble 5 The fathers on my farmer and of his wite, and the calvant of the conversion of the convenion of the conversion of with much greater force in Egland, than in the Uni-

700, 1000, and even as high as \$1500 were repeat-through the flesh, but laying in thick layers external-will of necessity, be a slow worker. A hairy tail is edly given in N. York for merino rams, which shows ly, was a great objection, as much waste necessarily indicative of a hairy head and large bones, and of a that the American improver is not deficient in spirit when objects present themselves that are likely to Bakewell or Dishley sheep, on the ribs of which the remunerate the adventurer. At present the great fat has often measured seven inches, while the flesh that the bones of the rump. It influx of merinos has diminished the price, but it is was not one inch thick. These defects led to further is essential that this cavity should be large in the highly probable that they will continue at \$100, and experiments, and occasioned the origination of other female, that she may be able to bring forth her young at that price no farmer should hesitate a moment breeds.

about purchasing.
KEEP AND PRODUCE OF A COW.

ON THE PRINCIPLES THE BREED OF DOMESTIC ANIMALS.

a consideration which duty to themselves and fami-kept up. It cannot however, be denied, that in hips, the whole forming a round barrel-like, but capalies require an attention to. They do not deem it all kinds of farm cattle, there is much room for imcious carcase; his hip should be wide, round, and a right to gratify whim, or pay highly for mere beauty provement, and that in respect to fine neat cattle, little higher than the back; the rump wide and lying of form. A few examples shall be given in point.— our deficiency is very great. With a view therefore in a horizontal direction, and not sinking backwards An English merchant residing in thicking the convergence of improving their back; the

The want of a bull moreover, of the same breed, or mals were the fashionable stock of the day. Some As some reasons may be expected for the minute-of one equally good, by which her race might have of these worthless beasts were imported into the Uni-ness of this description, the following are offered. been continued, was another reason for the indiffer ted States before the revolutionary war, but they are ence evinced towards her: for it was risking too now happily extinct. They are still abundant in let into the line of the neck, and if the points of the much to wait a time to determine whether she bred England, as appears by Mr. Nicholson's letter.

and these shall now be detailed.

small, muzzle fine, chaps clean, eyes lively and pro-ceive any extraordinary quantity of flesh, than a thick minent, ears long and thin, horns tapering bright and or tough one. At the same time, thick hides are of must have remarked, that the agriculture of Fein-bosom, shoulders moderately broad at the top, joining best breeds of Scotch Highland cattle, which are sylvania has very materially improved in the course full to the chime, (crops) and chest, breast broad and the England, the skin is thick in proportion of the last twenty years. This change has been effected by the free use of lime, gypsum, and the inthighs muscular, and tapering to his knee; his legs capacity of fatting, troduction of green and root crops, and their alternaticean, straight, very fine boned, and standing wide; Finally, whatever be the size of the animals, just tion with those of grain, by which means abundant this chime and chest so full as to leave no hollows be-

*Communicated to the board of Agriculture, London.

*Tarchives vol. 1.

**For a full account of the fertilizing effects of application, &c. see the Treatise of Mr. Peters on ticular breed, "a black nose is often a sign of a bad junction of male and female, of the desired specific plants, vols. 1—2, and the Domestic Encyclopædia, Philadelphia, vols. 1—2, and for remarks on lime, as a manure, see the two last mentioned works, how far the remark applies in this country.

**Communicated to the board of Agriculture, London.

**Lord Somerville, who does all his farm work nearly as possible, to a certain standard of pregression, and properties is some steps being of Philadelphia, vols. 1—2, and the Domestic Encyclopædia, Philadelphia edition, and for remarks on lit may be well for the American improver to notice being able to multiply his likeness to such an lime, as a manure, see the two last mentioned works, how far the remark applies in this country.

An English merchant residing in this city, some years to assist those who are anxious to undertake the tim-but even with the general level of the back; the since, imported a cow from England, of the Tees-portant and profitable measure of improving their huckle bones, (rump bones) not in the least protube-water breed, at a great price, and soon afterwards stock, the following hints are given. They are therant; the tail should be thin, round, and tapering not wished to dispose of her. He however could not ob-result of remarks by professed breeders and improvhairy, and set on so high as to take in the same hotain the price he asked, (\$200) but a captain of a lers in England, tested by the experience and obser-rizontal line with the back; it should moreover be ship bound to England, agreed to take her back free vations of the editor, and other members of the Cat-broad at bottom, to prevent the appearance of the ship bound to England, agreed to take her back free vations of the editor, and other members of the Cat-broad at bottom, to prevent the appearance of the cost, as she was then fresh in milk, and she was the Society of Pennsylvania.

Cavities at the nache, and the gristles at the setting cavities at the nache, and the gristles at the setting cavities at the nache, and the gristles at the setting cavities at the nache, and the gristles at the setting cavities at the nache, and the gristles at the setting cavities at the nache, and the gristles at the nac

much to wait a time to determine whether she bred after herself, or from the bull. On the other hand, the points of the England, as appears by Mr. Nicholson's letter.

A few ingenius and observing men, perceiving the proportion, the weight or strength which ought to be the proprietor of several rams of the true Dishley, loss sustained in feeding such animals, commenced in the closing or junction of the shoulders at the top or new Leceister breed of sheep, at New Brunswick the attempt to alter their forms, selecting and breeding the destroyed, and the end of the chine at that part is New Jersey, finds no difficulty in letting them for ing from what they deemed the best shaped, without thin and hollow, and the due symmetry of the part \$150 and \$200 per year, to farmers, within 50 miles, regard to bulk. Mr. Bakewell of Dishley, in the counsistency of Leicester and the desirable to the fine of the neck, and if the points of the shoulders push downward, the neck appears out of shoulders push downward, the neck appears out of shoulders push downward, the neck appears out of the shoulders push downward, the neck appears out of the shoulders push downward, the neck appears out of the shoulders push downward, the neck appears out of the shoulders push downward, the neck appears out of the shoulders push downward, the neck appears out of the shoulders push downward, the neck appears out of the neck appears ou because they have found out that their descendants by of Leicester, continued to advance the desirable test well. The loins being narrow and thin, and the fatten with great ease and are fittally formed, while properties of the race upon which the experiment feet standing close, are sign of weakness, and very the American breed of sheep are difficult to fatten, was first made, and since his time, others have followed unsightly defects: when the fore-legs approach too and are long-legged and narrow ramped, and because lowed with great success, and have found out in near, it may also be presumed from the consequent the lambs of the former will bring from 3 to \$4 at what respects, even the favourite forms of that orithree months old, while those of our own breed will ginal character might be altered for the better.—
cient room for the action of the lungs, during the peonly sell for half that sum, I have crossed the ewes if Mr. Bakewell, after breeding in and in through a
riod of fattening, and as on their size and soundness
of the Dishley breeds with the merino for the purgreat number of descents, ever selecting individuals the strength and health of the animal, and his powpose of improving the form of the latter. Col. Humof the roundest form, and smallest bone, raised that er of converting food into nourishment principally phreys sells his full blood merino rams readily for variety which has been since so celebrated for apti\$100, because the wool brings \$1 33 cts. per pound, tude to acquire external fat. But in the attainment of formation of the chest. If a bullock is in-kneed or
Thus when value is returned, capital is freely adthis end, he sacrificed the quality of great milking, the knees bent inward, the points of the toe and of
vanced. * * * *

P. S. Dec. 1810. During the present year, 500 procreation." The fat moreover, not being diffused behind the withers (a bad point for feeding,) and he
700, 1000, and even as high as \$1500 were repeatthrough the flesh, but laying in thick layers externalwill of necessity, be a slow worker. A hairy tail is
through the flesh, but laying in thick layers externalwill of necessity, be a slow worker. A hairy tail is

The first object that naturally offers to be attained, indicated by the width of the hips, and the breadth is the possession of a breed of cattle, which with a of the twist, or the space between the thighs. The KEEP AND PRODUCE OF A COW. is the possession of a breed of cattle, which with a jot the twist, or the space between the thighs. The One acre of very good pasture (says Mr. Congiven quantity of food will afford the quickest and breadth of the loins is always in proportion to that of yers,*) will suffice for a cow; of middling pasture, greatest return of the most valuable parts of flesh, or the chest and pelvis. Small boned animals invaria-one acre and a half ton of hay, or rather less, will of milk or butter. After repeated experience and bly fatten quicker than those of larger bones, which often are the result of an imperfect nourishment durmonths. Upon an average ten cows give five pounds ers it has been found that so far as flesh is concerning growth, and generally indicate an imperfection of butter per week in summer, and two dozen ined, there are certain forms and proportions of body winter, and a profit of 13l. 12s. per cow is sometimes intimately connected with the great object in view, mellow it strongly indicates a tendency to take on made in a year. meat, and it is evident that a fine and soft skin must 1. Of a bull, The head should be rather long, and be more pliable, and more easily stretched out to re-

THE BREED OF DOMESTIC ANIMALS.

BY DR. MEASE.†

Spreading, neck fine, rising with a gentle curve from great importance in various manufactures, and are his shoulders, and small and fine where it joins the necessary in cold countries, where cattle are much must have remarked, that the agriculture of Penn-soom, shoulders moderately broad at the top, joining best breeds of Scotch Highland cattle, which are followed by the chiral strength of the chiral strength of the color of the seasons; and in the must have remarked, that the agriculture of Penn-soom, shoulders moderately broad at the top, joining best breeds of Scotch Highland cattle, which are

food for all domestic animals is furnished, manure hind the shoulders; the plates strong to keep his are the truest indications of vigour, and of the ability rapidly accumulated, and the strength of the land belly from sinking below the level of his breast; his of the animal to produce and stand under the great-

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It may be asserted with safety, that in no country one part or males from another, and upon nearly an equal number of males and females from the remainder. I frequently endeavoured to change these habits by changing the males, but always without popular belief, that a dark colour is an indication of far from excellent. The abundant provisions required success; and I have, in some instances, observed the offspring of one sex, though obtained from different males to exceed those of the other, in the proportion of five or six and even seven to one. When on the contrary, I have attended to the numerous depends the profit, in a great measure, of the grandom of the same above stock. The sum of farm of five or six and even seven to one. When on the contrary, I have attended to the numerous depends the profit, in a great measure, of the grandom of the same above stock. The sum of farm of f

the mother upon that of the young, is certainly great! * Transactions Royal Society, London, 1810.

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| Instinces; it is therefore of the utmost consequence, believe that the sex of the offspring is given by their Eugland it appears that his breed of cattle possestation, descended from a race of ancestors, who have through several generators, possessed in a high decision of the properties which it is our object toolstain. Mr. Knight is well known for his attentive and suc gree. the properties which it is our object toolstain. And his conclusions have in this case, he says, been months old. His fore quarters were supposed to The female ought also to be selected with the strict-leaven from very extensive and according to Mr. Cline, ought rather to be proportionably larger than the male, since the breeding have been practised, one by the selection will be also the sake the supply her offspring with nour. In other than the power of the female to supply her offspring with nour. In other than the power of nourishing herself from the excellence of her consistence in this practicular an error is very commonly committed, the attention being confined to the male. In form, breeding in mal in may be the better practicular variety approaches perfection is required. A Knight, of Herefordshire, objects to the clics in following this, however great caution is required by the construction of the power propagating from large in preference to ditust, the extention being confined to the male. In form, breeding in and in may be the better practicular variety approaches propagating from large in preference to this, the celebrated Bakewell preserved his variously to maturity as those great activation, as to the great increase of price they principle laid down by Mr. Cline, respecting the ad-site in selecting the best shaped individuals. It was would be thought great in beasts of five years old, which had been well wintered, grazed the following of many animals, (those of the sheep, which they were famous. Blut as in the U. States the of age, instead of five or six years; and let the grather

on the contrary, I have attended to the numerous depends the profit, in a great measure, of the graoffspring of a single bull, or ram, or horse, I have never seen any considerable difference in the number mentioned, and with smallness of bone." In the attention of the improver. The indications of form, of offspring of either sex, I am therefore disposed to borse every one knows that certain shape is indicative of being easily kept, and the remark will apply the next cattle.

**In the case of horses, perfection consists in the toneat cattle.

**We Market, "depends on parenting and this according to Mr. Robson, an eminent trainer, at New Market, "depends on parenting and on the female most." See Sir John Sinclair, on athletic exercises.

**It is intimately connected with the shape above stock, than in any other, which calls loudly for the attention of the improver. The indications of form, which so strongly characterize the profitable cattle, with respect to milk, as we find that some of the most excellent milk breeds are very different in external form. The surest mode of procedure for the breeder, as his profit must depend upon their being fed in such a maniform and the improver is to breed from good milkers, and the remark will apply for the most excellent milk breeds are very different in external form. The surest mode of procedure for the improver is to breed from good milkers, and the great measure depend upon it." Something will depend upon their being fed in such a maniform and for draught. It is probable therefore, they are and for draught. It is probable therefore, they are seen and for draught. It is probable therefore, they are seen and well formed horse; while on the condition of the with the same and the remark will apply for the attention of the improver. The indications of form, which so strongly characterize the profitable cattle, which so strongly characterize the profitable cattle, the profitable cattle, which so strongly characterize the profitable cattle, which so strongly characterize to m

greatly preferable, either for the purposes of labour, leg; ever having especial regard to preserving subin the influence of the male and female parents on
the offspring, very strikingly exemplified, in the respect to the male and female parents on
the offspring, very strikingly exemplified, in the respect to the male ass and the mare. The largest females from
in this way from neglect; in which case it will be
serve one of the highest premiums our cattle
notes that could be procured, were selected, and the forms
shorter and more substantial form, either from the
of the offspring, at the birth, were perfectly consistsent with the theory of Mr. Cline; they were remarkably large, and I observed that the length of their
legs, when they were only four days old, very nearlegs, when they were only four days old, very nearlittle exceeded their parents. I exastitute exceeded their male parent, (a Spanish ass,
but from mares of small stature, were perfectly wellproportioned.†

"There is another respect in which the powers
of the female appear to be prevalent in their influence
on their offspring, and that is relative to its sex. In
mals, (I believe in all) particular females are found
to produce a very large majority, and sometimes all
is brought up, attention to inure them early to
proportioned.†

"There is another respect in which the powers
of the female appear to be prevalent in their influence
on their offspring, and that is relative to its sex. In
mals, (I believe in all) particular females are found
to produce a very large majority, and sometimes all
is brought up, attention to inure them early to
be familiar and docile, cannot be too much recomshalls, and unquestionably less food will rear
the inthe depths of their chests and shoulders, they grow to good
to their offspring, and that is relative to its sex. In
should be a subject to the early to
the female appear to be prevalent in their influence
on their offspring and that is relative to its sex. In
should be a subject to the early to the
their o

Memoirs, vol. ix. introduction, p. 33, and Commercial and Agricultural Macazine, Lon. vol. ix. p 292.

such as possess the forms approved of for bulls in the provement of stock of neat cattle by means of the I can, a list of books for an agricultural library,

that a well bred Teeswater cow will give on an ave-by Mr. Guyer, killed in Philadelphia, March, 1808, those as a good beginning for your plan.

rage fourteen quarts at each of two milkings, or was from a cow of that breed, by an English bull,

I am gratified by every evidence of sensibility to
twenty-eight quarts per day. Some of the Teeswater now or late in the possession of Mr. Bunting of the most important subject to which he can apply breed, according to Culley, give even to the amount Neshaminy.

in the neighbourhood, and the extent of whose travels has been from market back to their farms, and to an election ground, and who despise all information derived from books, some facts just mentioned will pass for fable; but of their authenticity there can be no doubt: the fact respecting the production of the Alderney cow may at any time be verified, and in order to be assured that it is possible to have better cows than their own, they need only visit Mr. A. Deveas, and Mr. Shukert, of Germantown near

These facts ought to convince every one who is anxious to make the most of his farm, of the great room there is for improvement, and should rouse

the Suffolk Duns; and there is no reason why the same success should not attend equal industry in this country. Mr. Cramp's cow, before noticed, was always ready for the butcher, but then other food be- To GEORGE W. JEFFREYS, Esq. of North Carosides grass was regularly given to her. It has been said indeed, by some, to be the result of their remarks, that "the cow which gave the greatest quantity of butter in a given time fed fastest when dry;" DEAR SIR—I received yesterday, with great plea-long for this purpose; so that the straw is rigid but that the remark did not apply to thin milkers. sure your letter of the 18th ult. I will cheerfully and the leaves dry. It is best to raise a spot pur-

that is, such as give rich milk, and if possible, from, It is to be regretted that opportunities for the im-comply with your request by furnishing, so far as

A moderate size, unless when food is of a na-observations be our acquirements, talents, or proper-ture peculiarly forcing.

Shape the most likely to yield profit to the far
Our Society is about publishing another volume.—

mer.

in spirit.

Hardy, and not liable to disease.

Arriving soon at maturity.

Producing considerable quantities of milk.

COMMUNICATED FOR THE FARMER.

lina, from Judge PETERS, of Pennsylvania. Belmont, near Philadelphia, March 1, 1817.

preceding pages, making allowance for the difference improvement of stock of neat cattle by means of their can, a list of books for an agricultural library.—
There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so the control of sex. There are, however, some marks of a good the existence of any among us is so that even the control of the control o and chaps, thin neck, shallow and light and fore-that within a few years past, more have been imported had a magical effect in improving the minds, and quarters, capacious behind, wide loin, thin thigh and into the frontier parts of the State of New York, but mending the agricultural practice of many, who quarters, capacious behind, wide loin, thin thigh and linto the frontier parts of the State of New York, but white horns. A gaunt and meagre appearance of body, promising no great disposition to fatten, is the immediate vicinity in which they were introducted by some as a sign of a good milker; but although good milkers are of a thin habit, yet there can be no reason why the rule should be absolute; phia, but the original stock was killed before the full wise, and Lord Dundonald's Connexion between Cheand on the contrary, we see in Tuke's survey of blood was obtained. His progeny however evince such Yorkshire, portraits of Teeswater cows, that must qualities as lead us to consider his death as a nation-from their formation take on fat readily, and they all loss. The original sire was sent to Lancaster for some copies, through a Bookseller, Dr. from their formation take on fat readily, and they all loss. The original sire was sent to Lancaster formation take on fat readily, where only a few of the first cross from him to the frontier parts of New York, but their particular qualities are scarcely known beyond would not otherwise have read a page on the sub-but Dickson's last edition of his work on agriculture, and but Dickson's last edition of his work on agriculture, and have edition of the complete Farmer, Dictionary-but Dickson's last edition of his work on agriculture, and have edition of the complete Farmer, Dictionary-but Dickson's last edition of his work on agriculture, and have edition of the complete Farmer, Dictionary-but Dickson's last edition of his work on agriculture, and have edition of the complete. Many books are to be had in our country; but Dickson's last edition of his work on agriculture, and have edition of the complete. Many books are to be had in our country; but Dickson's last edition of his work on agriculture, and have edition of the complete. Many books are to be had in our country; but Dickson's last edition of his work on agriculture, and have edition of the complete. Many books are To show the inferiority of the produce of our cows, remain. Six steers of his stock which were fatted contain the best body of information on European when compared with those of England, a few facts, in the neighbourhood of Lancaster during the year Husbandry, of any books wherein the subject is digesshall be stated. Sir John Sinclair states, on the authority of W. Trevalyan, Esq. of Northumberland, the handsomest cattle he ever saw. The fine ox fed Chemistry, is to be had in Philadelphia. I mention

either our intellect, or corporeal endeavours. It has breed, according to Culley, give even to the amount of thirty-six quarts per day. The cows of the island of Alderney, and other islands on the coast of France must have recourse to our native stock, and it is a others have been assisted by public patronage, amgive very rich milk, though not in the greatest quantity. Lawrence says, "he was assured by a terials among us, on which they may commence the during the three weeks she was kept by the finder, brought down in droves from various quarters, and an interest pounds of butter each week, and the sacrificed, after performing their duty for a season into feducation and talents should devote themselves to fact was held so extraordinary, as to be thought worth a herd of cows; and which if kept as breeders would the acquirements of knowledge in this art; and parameters and brought to Philadelphia by Mr eral rule, let no offspring be raised except from the socked, and have been pursuing objects neither so important, nor. Charles Ross, and in his possession she made nine finest boned, cleanest headed, straight backed, and have been pursuing objects neither so important, nor, pounds of butter every week. Cows from North best fleshed of every stock, both male and female. In many instances, so innocent and contributory to Devonshire keep in good order, are hardy, their A close adherence to those principles of choice at their own, and the comforts of their neighbours; and beef is fine grained, and they are so easily main-home, and in occasional purchase at markets, will the prosperity of their country. I congratulate you beef is fine grained, and they are so easily main-home, and in occasional purchase at markets, will the prosperity of their country. I congratulate you tained, that one acre and a half of prime pasture is soon convince any man how striking the improvement on the dawn of the spirit evinced by the members of the allowance for one cow a whole year, during of his stock might become in a few years, and we look will fatten five calves. A Sus-forward with great satisfaction to the period when if I am not much misinformed, both a scientific and sex bred cow, owned by Mr. Cramp of Lewis, clear-the effects of our recommendation shall be shown.

Sir John Sinclair sums up the desirable qualities fore very much wanted. I mention this with regret, not as a reproach; for all of us have a share in such observations be our acquirements, talents, or properties the neighbourhood, and the extent of whose tra-

ty, great or small.
Our Society is about publishing another volume. We are collecting all the facts we can, on the ex-Of a docile disposition, without being deficient traordinary phonomena of the past year, and the successor to it, in anomalous circumstances. We shall be obliged by any uncommon facts or occurren-Easily maintained, and on food not of a costlyces in your quarter of the Union, which have any

thing peculiar attending them. I think, I answered your former letter. I left with Mr. Small, Bookseller, a correspondent of Mr. Gale, the Drover tavern, where they may see two cows which give from 10 to 12 lbs. of butter every week; and Mr. G. Hoppel, of Philadelphia, lately had a cow which gave 15 lbs. of butter a week.

I roducing considerable quantities of milk.

Having flesh of an excellent quality.

Having a tendency to take on fat.

Having a valuable hide. To which may be added the condensed information on the subject of salt, as a cow which gave 15 lbs. of butter a week.

Mr. Small, Bookseller, a correspondent of Mr. Gale, at Raleigh, a little attempt at an epitome of Agriculture, and our Almanack for 1818. I have in the later condensed information on the subject of salt, as a covered to take on fat.

Lastly, calculated (if judged necessary) for working, manure. I wish you may receive them, and endea-Lastly, calculated (if judged necessary) for working, manure. I wish you may receive them, and endea-your to have experiments tried with salt, which would * The late colonel Pollen, a British officer, and be highly beneficial, if half what is said of it be true. well informed on the subject of cattle, passed through The great mistake has hitherto been, using it too the United States in 1802, and mentioned in a note lavishly. In the epitome, I dwell much on the dactythe United States in 1802, and mentioned in a notellavishly. In the epitome, I dwell much on the dacty-throught to be so difficult of attaining, that it has breed of cows near Lancaster, with a fine small it for a period of 40 years. All beasts are fond of it proportion as we gain in one point, we lose in the other. We know in general that good milkers are seldom quick feeders. The two objects have how-quainted with the improved breeds of England, in case of the North Devon cows, and in some land, in case of the North Devon cows, and in some land, in case of the Kyloe or Highland breed, and in the Suffolk Duns; and there is no reason why the but I prefer the fall. I sow on my wheat, in February or March, about 6 pounds per acre of red clover; and these plants are ready for the scythe at the same time. 'The Orchard Grass should be cut for hay when the panicles are fairly formed, and this is about the time when the heads of the clover begin to turn. For seed, it must be ripe; and some let it stand too

posely for seed; whereof it furnishes great plenty.— It is not a native plant in a poor soil.

if not, I will give any explanations.

periment succeeded after repeated trials.

Yours very truly RICHARD PETERS.

G. W. JEFFRETS, Esq.

FOR THE AMERICAN FARMER.

December 15th, 1820.

MR. SKINNER,

Your correspondent, Furius Cresinus, will greatly oblige me, and many others among your readers, by giving a full and particular statement of his practice and experience in the mode of cultivation, of which he speaks in the follow. of the next slice of turf. "my own practice, that if you turn down a turf in March or April, roll and harrow the surface, plant your corn, and cultivate it with the " roller and harrow early, and with the harrow as freely impart instruction, as I now ask it of cise, and taken out only occasionally, should "all the season, never touching it with the others. " plough after the planting furrows have been " opened, that you may make as good corn, if The important ends which would be attained by Postscript to General Forman's letter on the cul- food or carrots will be of service. Some horses substituting the harrow or cultivator for the plough, have induced me to commence a course of experiments, for the purpose of ascertaining to what extent it might be done. I have already dy satisfied myself, that at least one fourth of Castor Oil, will effectually answer the purpose.

The usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses and hoe hards) It is a powerful screw carried round by a sweet of the usual labour (of both horses) It is a powerful screw carried round by a sweet of the usual labour (of both horses) It is a powerful screw carried round the usual labour (of both horses) It is a powerful screw carried r plough, have induced me to commence a course the usual labour (of both horses and hoe hands) It is a powerful screw carried round by a sweep allowed only a moderate quantity of either; may be saved, without injury to the crop; but drawn by a horse, and acting upon the grain, and if they eat their litter, they should constantly have not yet dared to dispense with the plough secured in an iron box. altogether. If Cresinus can establish the cor- Mr. Reybold, who has gone largely into the ing. For more particular instructions on this rectness of his opinion, he will thereby point cultivation of the Castor Bean, has also been subject the reader may consult the first volume out to us southern corn planters, an improve-very successful in expressing the Oil. At his of the Veterinary Medicine or Farriery, page ment more valuable than any other within our outset he experienced frequent disappointment 247 .- See also Feeding. reach. Besides the great saving of labour at-from the imperfect construction of the screw and tending such tillage, there would be derived ad-box; he has, however, overcome these difficul- Recipe for the Rot in Sheep: Young's Annals, vol. 13. vantages still more important, from securing ties, and his present apparatus, although perfectly manure and the vegetable matter on enclosed land from exposure, instead of tearing them up calling upon Mr. Philip Reybold, of Marshmont, with the plough, almost as soon as they are near New Castle, Delaware. buried.

so justly commended by Cresinus, is the same The famous Dr. Richardson, the patron and promoter of the culture of Fiorin, which is his passion and never ending delight, could not pay the Dactylis a greater compliment, than he does in a publication, 1813, on sier, and turns the mould with its vegetable. It works each and is then of little importance, as it soon ceases Fiorin Grass. He says, "were I to follow my own covering, more completely, than any other I when the diet is changed, or when the stomach judgment alone, I should have put this grass in the have ever tried, except in very stubborn soils, has become accustomed to such new food; but first class." But carried away by his passion for Fiorin, Thousands are every year sent to Virginia, from should it continue, let them drink freely of gruel that neither grass suits the same soil. Fiorin thrives, Connecticut, which are cheaper, though not so made of wheat flour; and if this fail, give the only in boggy and wet soils, and Dactylis in reasonably good as those made by our country plough-astringent ball. When there is reason to suspect dry grounds. He had a newspaper dispute with a rival, wrights. It is strange, that a tool so much used that the diharrhœa depends upon worms in the on the question—who introduced the Dactylis first into and improved, has not been more noticed in agri-bowels, or other hurtful matter lodged in them, England? Neither of them made out above 28 years. Littural publications, and (from Arator's com-give in the first place a ball composed of two of them knew the plant; without valuing myself on any priority; which it seems was made a point of, by these zealous antagonists. So that you see it was an quires such frequent repairs, that I think it will exposure to cold, or from drinking freely of cold object deemed worthy the contest, stimulated by agribe ultimately superseded by the Freeborn or water when heated by exercise, sound wisping

I have, the last seed time, after sowing my wheat, ders, whether Ducket's Skim-Coulter plough is derable debility, there is generally some disease scattered on strips, before harrowing in the grain—at used in the United States, and with what advan-either of the liver, or other internal part, which the rate of two bushels of plaster to the acre—then salt, at the rate of one and one and a half bushels to the acre—then the seed damped and rolled in plaster—then dung alone. I shall see next harvest the results.

I published in Poulson's paper, which may reach you—an account, from Scotland, of wonderful effects in which shares off the surface, and turns it, with care of the liver, or the l destroying grubs, in an oat crop, by mixing with six all the herbage, into the bottom of the last made bushels of seed oats—a half a peck of salt. The ex-furrow: the plough-share following in the same track, cuts a deep furrow free from grass or roots, and with it, covers what was removed by This may be repeated the following day, if nethe skim coulter. In this manner, one plough cessary: the horse continuing to drink the grueling is said to put out of the way, effectually, of wheat flour or arrow-root. Some horses of the heaviest coat of vegetable matter, and to delicate constitutions are attacked with diarrhoas leave the land a clear and fine seed bed for the whenever they are put to any considerable work; reception of grain. I have frequently attempted such horses should take a cordial ball with the to effect the same purpose, by running one addition of two or three drams of catechu, beplough after another, in the same furrow; but fore they go out; and as soon as they return could never succeed in raising the second earth from hunting or other exercise, which usually high enough to cover the first, not in cleaning brings on the complaint. out the furrow sufficiently deep for the reception Diet .- The best diet, I believe, for horses

A NOVICE.

page 300 of this volume.

The Deagon or Dagon plough, so highly and On the Disease of Domestic Animals and their Cure.

cultural pride.

In the publications I send you, some satisfaction as to some of your questions will probably be found; and if not, I will give any explanations.

Wood plough, which works nearly, if not quite and warm clothing are proper; gruel also will be found useful. In obstinate diarrheas, accompanied by loss of flesh and appetite, and consi-

Astringent Ball .- Take of

Carraway seeds, recently powdered, six

Catechu, two drams. Ginger, one dram. Opium, half a dram.

that work moderately, is good hay and oats; I am sorry that my ignorance of agriculture but for such as are employed in more severe have bran mashes now and then, or be fed constantly with a mixture of bran and oats; this is particularly necessary if the horse is disposed to costiveness; and in such cases, a little green tivation and uses of the Bene plant, inserted thrive, and look sleek with half the quantity of food, that is required to produce the same apwear a muzzle, except at the time of feed-

T. M. F. success, even in cases where the fleece has been nearly gone, and the throat terribly swelled."

FOR THE AMERICAN FARMER.

On the Cultivation of Corn, SOWING GRAIN, &c. &c.

December 20th, 1820.

Mn. SEINNER

man sharpen another."

I have been a cultivator both for profit and glory composition. these twenty-five years, and had I time and descriptive qualifications. I could at least amuse practical or fire-side Farmers-but to return to my social obli-wetted the top of the wart, rub the lime on two gation of communicating the result of my experience.

Land of every description should be cultivated full or three times a day, and they will be impercepeight inches deep, and well mixed—it is then capa tibly removed in a short time, without leaving ble of the greatest production, provided (at all time) the slightest scar, or any inconveniency being that care has been taken to dispose of all superabun-sustained on account of the lime. dant water. This, Sir, is the indispensable of farming productively. When land has yielded the desired crop or crops of grain, it should be laid to rest (as farmers say) with plenty of grass upon its surface

I would advise Timothy and clover, say two quarts
of the former and three of the latter. That I may be understood, let me repeat (for the rudiments of no subject or science can be too distinctly explained)—first, lay your land perfectly dry—then plough full eight inches deep, and harrow it well. If the crop desired, he corn, it is recommended to plant it in squares, taking care not to have more plants upon a given space than can find good pasture. By attention to this, the ears will be large, and the grains Floura, from the wagons, \$3 87½—Whisker, from do. perfect—Cultivating in squares keeps the land level, and object never to be lost sight of in our dry climate at least secures you from the washing influence of heavy rains. A good harrow will keep corn clean, and that is all that is wanting after it be once dressed with the hoe, which should be done as soon as the corn is six inches high.—In seeding small grains—never put too many plants upon a given surface, or subject or science can be too distinctly explained) never put too many plants upon a given surface, or they will perish each other, and the grain will be im. Boiled Oil, \$1-Feathers, 45 to 50 cents.—Tar, they will perish each other, and the grain will be imperfect and chaffey—let the surface be well pulverised and separated, and the fall seed put into the ground as soon in September as you can get a good rain—the nights are then long enough to keep the earth cool and moist.—Spring grain should never be seeded after March—and great care should be taken not to put too many tenants upon a given surface. Though much has been said about deep and shallow seeding. I have found that one inch will do, and do well.—The greatest modern improvement in Agriculture, is that of applying manure to the surface of fresh cultivated land—I mean that in which grain is seeded—this mode of applying manure, ensures the crop of grain, and the clover or other grasses that may follow.

The land I cultivate now gives me from four to five ears of corn, and the same proportion of grass for one that it produced twenty years ago, and I impute this to the difference in ploughing and draining—land rannot improve that is not freed from excess of the control of the period of the produced twenty years ago, and I impute this to the difference in ploughing and draining—land rannot improve that is not freed from excess of the control of the period of the

this to the difference in ploughing and draining.—viz:

Land cannot improve that is not freed from excess of "Mr. Randolph has contrived for our steepest hill

Receift for a Cold.

Take one table-spoonful of sweet oil, one do. of brown sugar, two do. of vinegar, four do, of French brandy, and half do. of Laudanum—" work from eight to ten inches deep, with two small work from eight to ten inches deep, with two small mules or one stout horse."

Withdrawing and replacing a pin.

"Such ploughs have been in use in Virginia for nine forded at a much lower rate."

"years. By them the tallest clover is completely turn."

"de d under on the sides of the steepest hills,—they work from eight to ten inches deep, with two small mules or one stout horse."

"BALTIM one tea spoonful to be taken during the day, and one at going to bed.

Composition of White Wash on Brick Walls.

Take one bushel of best stone lime well powered, one peck of white sand, four pounds of white turpentine (gum,) water enough to make it of the consistence of liquid paint, and when it has been well boiled, add one gallon of Your useful and widely circulating paper, not only new milk; the boiling to be continued very invites, but creates a sort of moral obligation upon every gentle during the application of it. It is suitaexperienced Agriculturist, to hand in his Experience ble for brick walls, which should be swept, or as iron sharpeneth iron, so does the mind of one scraped clean previous to the application of this

Receipt for curing Warts.

Take a piece of unslacked lime, and having

Geneva Palladium.

THE FARM

BALTIMORE, FRIDAY, DECEMBER 29, 1820.

Land cannot improve that is not freed from excess of water.

My experiments in regard to ploughs have cost ago as human contrivance is likely to arrive at—it would be unkind to discriminate—I would only protest against those without coulters for breaking up land, unless you use them only when the earth is wet. Particular experiments may be a subject of communication hereafter, but I must beg of you to keep in mind that you will use your own discretion with what I send that you will use your own discretion with what I send of a VIRGINIAN.

Wh. Randolph has contrived for our steepest hill sides, a simple plough which throws the furrows always welled to the bar, with their planes at right angles to each work. The point and heel of the bar becomes an assortment of the ways, be laid on the ground, and the other then standing vertically acts as a mould-board,—the right angle between them however, is filled with a sloping piece of wood, and aiding in the office of raising the sod gradually, wou. For the present you may know me by the name of a virial plane of the present you may know me by the name of a virial plane of the plane of the position of the share, at the end of each furrow, is effected in a moment by withdrawing and replacing a pin.

WIRGINIAN.

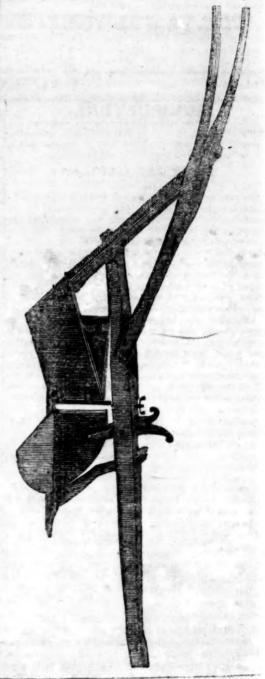
Wh. Randolph has contrived for our steepest hill sides, a simple plough which throws the furrows always welled to the bar becomes an assortment of the may be laid on the ground, and the other then standing vertically acts as a mould-board,—the right angle between them however, is filled with a sloping piece of wood, and a can be always down hill. It is made with two wings welled to the bar becomes an assortment of the MPROVED FFEEBORN, OR WOOD'S acts as a mould-board,—the right angle between them however, is filled with a sloping piece of wood.

The hard representation with what I send was a subject of communication hereafter, but I must be go you to keep in mind was a mould-board,—the right angle between them however, is filled with a sloping piece of wood.

When h

ROBERT SINCLAIR.

12 mo. 25th, 1820.



BALTIMORE,

PUBLISHED EVERY PRIDAY,

BY JOHN S. SKINNER EDITOR.